

IN THE CLAIMS

1. (Original) A method for call setup in a wireless communication system comprising:

 sending a channel assignment message from a first station to a second station to direct the use of previously negotiated service parameters.

2. (Original) The method of claim 1, wherein the channel assignment message comprises a flag.

3. (Original) The method of claim 2, wherein the channel assignment message further comprises an active set identifier associated with an active set and the active set's parameters.

4. (Original) The method of claim 3, wherein the channel assignment message is sent in response to an origination message from the mobile station.

5. (Original) The method of claim 4, wherein the origination message includes short data burst information.

6. (Original) The method of claim 2, wherein the channel assignment message is sent in response to a paging sequence.

7. (Original) The method of claim 2, wherein the channel assignment message is sent to initiate a call without paging in response to a paging request message from a mobile switching center (MSC).

8. (Canceled) A method for call setup in a wireless communication system comprising:

 sending a channel assignment message from a first station to a second station, the

message comprising an active set identifier associated with an active set and the active set's parameters.

9. (Canceled) The method of claim 8, wherein the channel assignment message is sent subsequent to a channel assignment message comprising an active set and parameters with an active set identifier for association therewith.

10. (Canceled) A method for initiating mobile station terminated call setup without paging, the mobile station being in the idle state, comprising:

the mobile station entering the system access state to deliver to a base station a pilot strength measurement message.

11. (Canceled) The method of claim 10, further comprising the base station sending the mobile station a channel assignment message with an active set based on the information in the pilot strength measurement message.

12. (Canceled) The method of claim 11, wherein the active set information is transmitted using an active set identifier.

13. (Canceled) The method of claim 11, further comprising the mobile station sending an authentication message to the base station on the traffic channel set up in response to the channel assignment message.

14. (Original) The method of claim 1 wherein the channel assignment message includes previously used active set information.

15. (Original) The method of claim 3, further comprising the mobile station responding to the channel assignment message with a pilot strength measurement message conditioned on the mobile station's reception of one or more additional pilot signals at a strength exceeding a threshold.

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16. (Original) The method of claim 15, further comprising the base station sending an updated channel assignment message in response to the pilot strength measurement message.

17. (Original) The method of claim 14, further comprising the mobile station sending an authentication message to the base station on the traffic channel set up in response to the channel assignment message.

18. (Canceled) A method for call setup in a wireless communication system comprising a mobile station sending a base station a reconnect message activating a dormant packet data call.

19. (Canceled) The method of claim 18, wherein the reconnect message is one radio frame or less in length.

20. (Canceled) The method of claim 18, wherein the reconnect message is sent in response to a message from the base station.

21. (Canceled) A method for call setup in a wireless communication system comprising a mobile station transmitting a preamble to a base station directly following a channel assignment message received from the base station.

22. (Canceled) The method of claim 21, further comprising the mobile station terminating the preamble transmission if a prescribed amount of data is not received on the forward link within a prescribed period of time.

23. (Original) A wireless communication system comprising:
a first station; and
a second station for sending to the first station a channel assignment message to direct the use of previously negotiated service parameters.

24. (Original) The apparatus of claim 23, wherein the channel assignment message comprises a flag.

25. (Canceled) The apparatus of claim 23, wherein the channel assignment message comprises an active set identifier associated with an active set and the active set's parameters.

26. (Canceled) A wireless communication system for initiating mobile station terminated call setup without paging, comprising:

a first station; and

a second station for receiving a pilot strength measurement message from the first station, conditioned on the first station's reception of one or more additional pilot signals at a strength exceeding a threshold, and for sending a channel assignment message to the first station with active set information based on the pilot strength measurement message.

27. (Canceled) A wireless communication system for initiating first station terminated call setup without paging, comprising:

a second station; and

a first station for receiving a channel assignment message with previously used active set information, and for conditionally sending the second station a pilot strength measurement message when one or more additional pilot signals are received which exceed a threshold.

28. (Canceled) A wireless communication system operably coupled with a network comprising:

a second station;

a first station for sending the second station an origination message including short data burst information for initiation of call setup and delivery of the short data burst information; and

a first switching center for receiving the short data burst information from the second station and sending it to a network destination.

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29. (Original) An apparatus used to set up a call in a wireless communication system, comprising:

memory; and

a digital signal processing device communicatively coupled to said memory, the digital signal processing device capable of executing instructions to send channel assignment message from a first station to a second station to direct the use of previously negotiated service parameters.

30. (Original) A wireless communication system, comprising:

a first means for transmitting a signal; and

a second means for transmitting a channel assignment message from a first station to a second station, the channel assignment message used to direct the use of previously negotiated service parameters.